

December 16, 1988

Dear Manufacturer:

CD-88-20 (LD)

SUBJECT: Use of SG Energy Conserving II Oils with Fuel Economy
Improvement Factors of 2.9 for 10W30 and 3.1 for 5W30

EPA published a letter to General Motors indicating our approval of the use of SG and Energy Conserving II (EC II) classified engine oils with manufacturer guidance letter CD-88-15 (LD) dated September 12, 1988. EPA has more recently approved the use of EC II engine oils with fuel economy improvement factors of 2.9 percent for 10W30 oils and 3.1 percent for 5W30 oils. This approval is based on a telephone survey conducted by Chrysler Motors Corporation and American Motors Corporation of likely fuel economy improvement factors for a number of major oil manufacturers and then sales weighted based on the oil manufacturers' market share.

Our enclosed response to Chrysler Motors Corporation and American Motors Corporation serves as additional guidance to other manufacturers.

Sincerely,

Robert E. Maxwell, Director
Certification Division
Office of Mobile Sources

Enclosure

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November 29, 1988

Mr. W.C. Moeser
Chrysler Motors
12000 Chrysler Drive
Highland Park, MI 48288-1118

Dear Mr. Moeser:

This letter is in response to your October 13, 1988 letter in which you requested approval to use SG/Energy Conserving (EC) II oils in the 1990 and later model year certification and fuel economy test fleets for Chrysler Motors Corporation and American Motors Corporation. Based on the information supplied in your October 13, 1988 and November 10, 1988 letters we are approving your request.

For the 1990 model year we also are approving the use of oils in test vehicles with an energy conserving rating of 2.9% for 10W-30 oils and 3.1% for 5W-30 oils. This approval is based on the telephone survey you conducted of likely fuel economy improvement factors for SG II oils. The approval to use these improvement factors is limited to the 1990 model year. For future model years actual surveys of the in-use improvement factors should be conducted.

The conditions of this approval is that Chrysler Motors Corporation and American Motors Corporation adhere to the following practices:

1. Clearly recommend the use of SG/ECII oil as the preferred oil in the owners manual. We also encourage Chrysler and AMC to identify the recommended service, viscosity, and energy conserving classification on the oil filter cap or other appropriate location on the vehicle.
2. Select oils for certification and fuel economy test vehicles which have a fuel economy improvement factor no greater than the market share weighted average fuel economy improvement factor for the viscosity.

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3. Use a factory fill oil which has a fuel economy improvement factor equal or better than that used in corresponding test vehicles.

We encourage Chrysler and AMC to attract customers attention to the fact that energy conserving II (ECII) oils are desired over oils marked "energy conserving". If consumers do not notice subtle differences, there might not be as much market pressure on the oil industry to provide ECII oils.

Sincerely yours,

Eldert Bontekoe, Team Leader
Certification Branch
Certification Division
Office of Mobil Sources

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